HEAT TRANSFER FLUIDS

SERIOLA and **JARYTHERM®** heat transfer fluids cover a wide variety of applications: heating of domestic and industrial premises, manufacturing processes in cement works, paper mills, Chemical and Plastics Processing Industries and installations combining heating and cooling cycles.

Whether they are mineral or synthetic base, **SERIOLA** and **JARYTHERM®** fluids are characterized by:

- Great thermal stability, thereby preventing buildup of deposits and soot in systems.
- High heat exchange capacity which enables energy savings due to the reduced warm-up time of the installations.
- Long service life without degradation of the fluid even at process temperatures rising as high as +350 °C.

SERIOLA / JARYTHERM® / TOTAL NEVASTANE

PRODUCT	NATURE	APPLICATIONS	SPECIFIC ADVANTAGES	VISCOSITY*	SPECIFICATIONS
SERIOLA 1510	Mineral	• Closed circuits without air contact.	• Process temperature < +310 °C (+330 °C in the film).	30	ISO 6743-12 L-QC
SERIOLA	Mineral	• Closed circuits without air contact.	• Process temperature < +310 °C (+350 °C in the film).	32 100	ISO 6743-12 L-QC
NSF **TOTAL NEVASTANE** HTF	White mineral	• Closed circuits without air contact. • Numerous manufacturing processes in Agrifood Industry: water baths, autoclaves, reactors, ovens, presses and moulds.	• Process temperature < +310 °C (+330 °C in the film).	32	NSF H1 & HT1 • ISO 6743-12 L-QC • ISO 21469 • Halal, Kosher
SERIOLA DTH	Synthetic detergent	• Hot cleaning of heat transfer circuits. • Miscible with mineral-based heat transfer fluids.	• Process temperature ~+270 °C. • Very high thermal stability.	25	
JARYTHERM® DBT	Synthetic	• Closed circuits without air contact. • Main applications in the Chemical and Plastics Processing Industries.	• Process temperature from 0 °C to +350 °C (+370 °C in the film).	19	ISO 6743-12 L-QD
JARYTHERM® BT 06	Synthetic	• Closed circuits without air contact. • Primarily for installations combining heating and cooling cycles.	• Process temperature from -30 °C to +280 °C. • Temperature in the pressurized circuits < +350 °C.	4	ISO 6743-12 L-QE

JARYTHERM® A REGISTERED MARK BY ARKEMA.

* Typical kinematic viscosity of base oil at 40 °C in mm^2/s

BIODEGRADABLE

NSF H1 suitable for incidental food contact

3H suitable for direct food contact